



Philips  
Flat TV with Crystal Clear  
III

20"

LCD HD Ready

20PF5320



## Turn up your viewing experience with Crystal Clear III

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for natural, vivid images and Virtual Dolby Surround for superb audio.

### Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD ready for the highest quality display of HDTV signals
- Crystal Clear III for natural images with enhanced quality
- Active Control optimises picture quality whatever the source

### Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

### Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

### My personal entertainment centre

- Built-in FM radio to enjoy your favourite radio stations.
- PC input lets you also use your TV as a PC monitor

### Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity



**PHILIPS**  
sense and simplicity

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Contrast ratio (typical): 600:1
- Diagonal screen size: 20 inch / 51 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Crystal Clear III, Progressive Scan, 2D Combfilter, Active Control, Sharpness Adjustment, Colour Temperature Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 176 / 176 degree
- Response time (typical): 25 ms
- Panel resolution: 1366 x 768p

Supported Display Resolution

- Computer formats
  - Resolution Refresh rate
  - 640 x 480 60, 67, 72, 75Hz
  - 720 x 400 70Hz
  - 800 x 600 56, 60, 72, 75Hz
  - 832 x 624 75Hz
  - 1024 x 768 60, 70, 75Hz
  - 1280 x 768 60Hz
- Video Formats
  - Resolution Refresh rate
  - 640 x 480i 1Fh
  - 640 x 480p 2Fh
  - 720 x 576i 1Fh
  - 720 x 576p 2Fh
  - 1280 x 720p 3Fh
  - 1920 x 1080i 2Fh

Sound

- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Nicam Stereo, Virtual Dolby Surround, Mono
- Output power (RMS): 2 x 5W
- Equalizer: 5-bands

Convenience

- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Menu Control, On Screen Display, Program List, Smart Picture Control, Smart Sound

- Control
  - Remote control type: RCFE05SMU00
  - Teletext: 10 page Smart Text
  - Picture in Picture: Twin page text
  - Remote Control: TV
  - Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
  - Clock: Sleep Timer
  - VESA Mount: 100 x 100 mm

Tuner/Reception/Transmission

- Tuner bands: FM, Hyperband, S-Channel, UHF, VHF
- TV system: PAL, PAL B/G, PAL D/K, PAL I, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner Display: PLL
- Number of Preset Channels: 100

Connectivity

- Number of Scarts: 1
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Antenna IEC75, DVI-I, FM Antenna, PC Audio in
- Front / Side connections: Audio in, CVBS in, Headphone out, S-video in

Power

- Power consumption: 80 W
- Standby power consumption: < 1W
- Ambient temperature: 5 °C to 40 °C
- Power supply: AC 90-240

Dimensions

- Dimensions (with base) (W x H x D): 618 x 369 x 195 mm
- Set dimensions (W x H x D): 618 x 325 x 90 mm
- Set weight: 7.9 kg
- Box dimensions (W x H x D): 659 x 565 x 211 mm
- Product weight: 7.9 kg
- Weight incl. Packaging: 10.5 kg
- Colour cabinet: Silver Frost / Black deco front

Accessories

- Included Accessories: Power cord, Quick start guide, Registration card, Remote Control, Table top stand, User Manual
- FM antenna: FM Antenna
- Cables: DVI-I to YPbPr cable

stereo system					transmission system						
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM	
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'	
o	o	o	o	o	o	o	o	o	o	o	o



## Product highlights

### HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

### Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.

### Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

### Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

### FM Radio

An FM radio capable of storing 40 preset stations in built in. On-screen station naming makes navigation simple, and a handy Clock Screensaver is also included for use while listening.

### PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

### DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise free image, that is clear and flicker free. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Set top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.



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